#### **Distributed Virtual SAN Infrastructure**

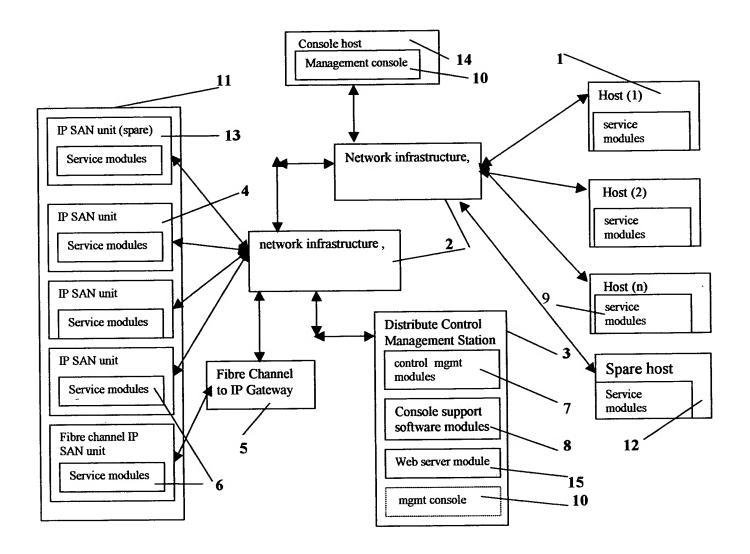


Fig. 1

# The Actual Components of Distributed Virtual SAN

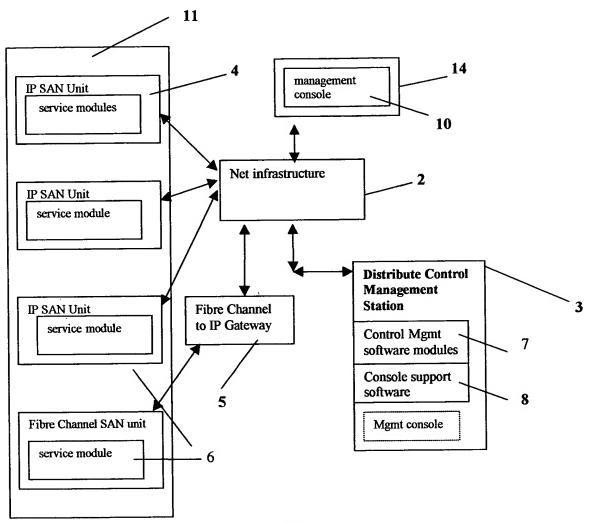


Fig. 2

## Virtual SAN Storage Pool Automatic Configuration Protocol

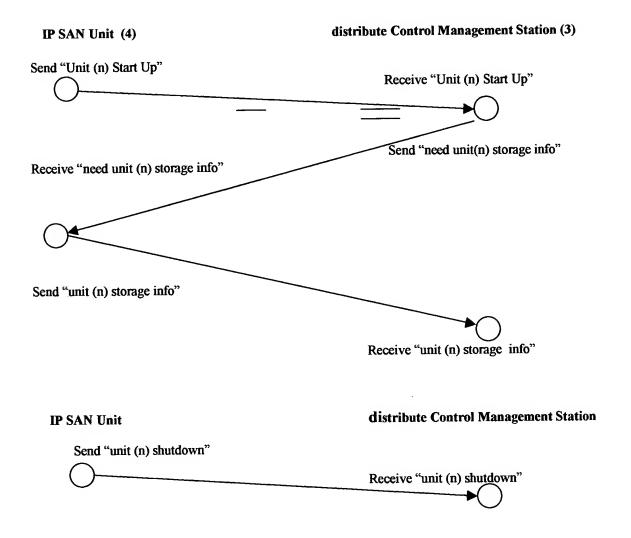


Fig. 3

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The UDP packet format used by "Virtual SAN Auto Configuration Protocol"

Source IP address				
Destination IP address				
Source port				
Destination port				
Message Type				
Data Length				
Data Area				

Fig. 4

### Example of Storage Volume Information of an IP SAN Unit

IP SAN Unit					
Volume 1					
P1	P2	<b>P3</b>	<b>P</b> 3		
Volume 2					
· · · · · · · · · · · · · · · · · · ·					
Volume 3					
Volu	me 4				
y Olu	ime 4				

Note: Each volume may further be partitioned into small chunk of partition.

Fig. 5

### A Hypothetical Example of Storage Volume Requests and Assignments

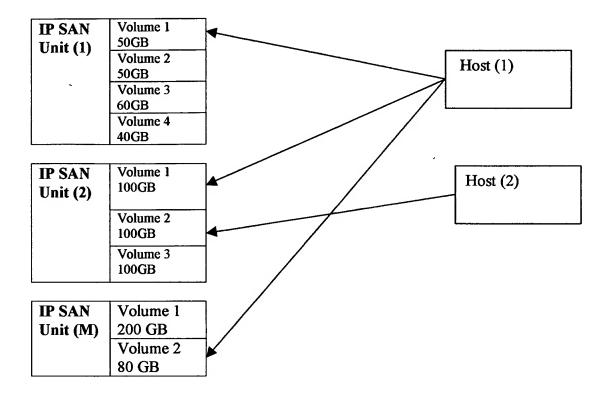


Fig. 6

#### **Direct Attached Storage System:**

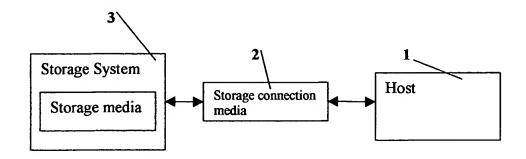


Fig. 7

#### **In-Band Accessed Virtual SAN**

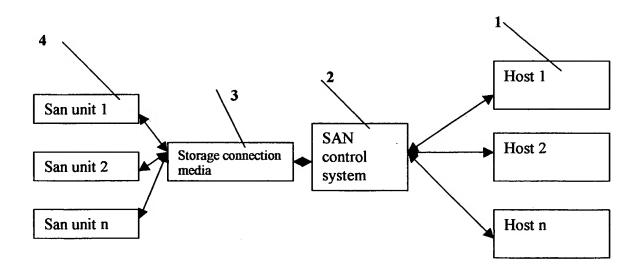


Fig. 8

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#### Central Controlled Distributed Scalable Virtual Machine Infrastructure

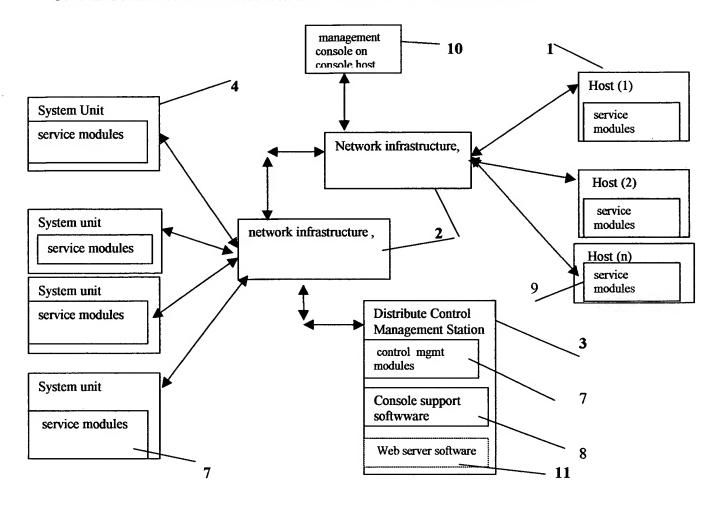


Fig. 9

### Recovery Scheme of the Distributed Virtual SAN Infrastructure

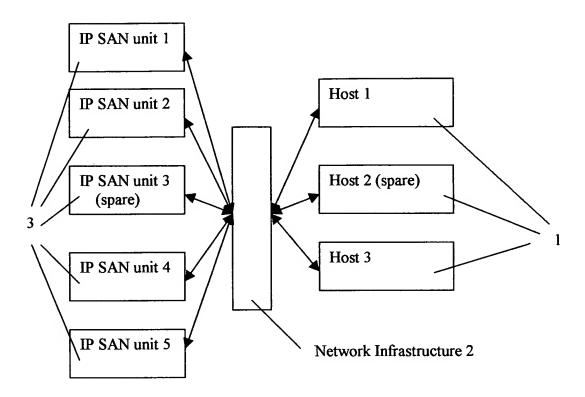


Fig. 10